

# LONDON- WEST MIDLANDS ENVIRONMENTAL STATEMENT

## Volume 5 | Technical Appendices

CFA24 | Birmingham Interchange and Chelmsley Wood

**Impact assessment tables (CH-003-024)**

Cultural heritage

November 2013

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Department  
for Transport

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# Appendix CH-003-024

Environmental topic:	Cultural heritage	CH
Appendix name:	Impact assessment	003
Community forum area:	Birmingham Interchange and Chelmsley Wood	024

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1 Introduction

1.1 Structure of the cultural heritage appendices

- 1.1.1 The cultural heritage appendices for the Birmingham Interchange and Chelmsley Wood area (CFA24) comprise:
- baseline reports (Appendix CH-001-024);
  - a gazetteer of heritage assets (Appendix CH-002-024);
  - impact assessment (this appendix); and
  - survey reports (Appendix CH-004-024).
- 1.1.2 Maps referred to throughout the cultural heritage appendices are contained in the Volume 5: Map Book Cultural heritage.

1.2 Impact assessment

- 1.1.3 Table 1: Impact assessment for CFA024 presents information on the impacts on all identified heritage assets and the likely resultant environmental effects, taking into account agreed mitigation measures. Details on the assignment of values and the assessment of the scale of impacts are set out in the Scope and Methodology Report (SMR) (Volume 5: Appendix CT-001-000/1) and the Scope and Methodology Report Addendum (Volume 5: Appendix CT-001-000/2).



Table 1: Impact assessment for CFA024

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BIC001	The Somers	Ancient woodland	High	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BIC002	Cottage, Birmingham Road	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The historic or architectural significance of the asset will not be harmed by changes to its setting.	No change	Neutral	No impact on significance.	No change	Neutral
BIC003	Packington Hall park	Registered park and garden	High	The Proposed Scheme will be approximately 350m west of the asset. The asset is on an elevated site overlooking the Proposed Scheme with areas of planting both within and surrounding the asset and outside of the registered area, which filter views across to the Proposed Scheme. The National Exhibition Centre (NEC) and other existing developments are partly glimpsed from areas within the park and the Proposed Scheme will be partly seen in this context. The Proposed Scheme will permanently affect views from a small part of the registered garden and will not affect elements that contribute to its significance or any key planned views or other designed elements.	Minimal adverse	Minor adverse	No impact on significance.	No change	Neutral
BIC004	Moat, medieval fields, possible moat feeder or drainage system	Non-designated	Low	The asset is located within the land required for the construction of the Proposed Scheme; however no element of the scheme will impact upon the asset.	No change	Neutral	No impact on significance.	No change	Neutral
BIC005	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BIC006	Memorial, approx. 850m south-east of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the memorial with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BIC007	Lodges, gatepiers and gates at southern entrance to Packington Park	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BIC008	Moat	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BIC009	Beechwood Lodge at south-east entrance to Packington Park, approximately 570m south-east of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BIC010	Lodge on right hand side of south-eastern entrance to Packington Park, approx. 570m south-east of Packington Hall	Listed Building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral



Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo11	Kennel House, approx. 600m south of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo12	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo13	Grotto, approx. 450m south-east of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo14	Bridge, approximately approx. 300m south-east of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo15	Spring head, approx. 400m south-east of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo16	Footbridge over weir, 150m south-east of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo17	Packington Hall and gardens building foundations	Non-designated	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The significance or setting of the asset will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo18	Deer park	Non-designated	Moderate	The Proposed Scheme will be approximately 350m west of the asset. The asset is on an elevated site overlooking the Proposed Scheme with areas of planting both within the asset and outside which filter views across to the Proposed Scheme. The NEC and other existing developments are partly glimpsed from areas within the asset and the Proposed Scheme will be partly seen in this context. The Proposed Scheme will permanently affect views from a small part of the asset and will not affect elements that contribute to its significance or any key planned views or other designed elements.	Minimal adverse	Minor adverse	No impact on significance.	No change	Neutral
BICo19	Mill Farmhouse	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The rural significance or setting of the asset will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo20	Gates, gatepiers, railings and wall adjoining Packington Hall on the south-east	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo21	Packington Hall	Listed building	High	The asset is located within an extensive area of parkland on an elevated site from which long distance views west towards the Proposed Scheme are possible from the upper floors. Mitigation measures have been incorporated into the design, including the lowering of the vertical alignment and consideration of the associated road network. Intervening vegetation will however obscure much of the Proposed Scheme. Neither the significance of the asset nor its parkland setting will be significantly harmed; however, there will be a permanent impact.	Minimal adverse	Minor adverse	No impact on significance.	No change	Neutral
BICo22	Garden terrace to the west and south of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo23	Stable block at Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo24	Gatepier to right hand of entry to yard, north of stable block at Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo25	Gate pier to left hand of entry of yard, north of stable block at Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo26	Arden Brickworks	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo27	Watermill	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo28	Kitchen garden wall, approx. 300m north of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo29	Bentons Lodge, approx. 350m north-west of Packington Hall	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The relationship of the asset with its parkland setting will not be affected; therefore, its significance will not be harmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo30	Former Stonebridge Railway	Non-designated	Low	The route of the former Stonebridge Railway will be cut by the Proposed Scheme. The construction of the people mover depot and Interchange station internal road network and car park east will have a permanent impact on part of the asset.	Low adverse	Minor adverse	No impact on significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo31	Linear feature	Non-designated	Low	The asset, which is located to the west of Middle Bickenhill lane, will be removed by the construction of the logistics and storage satellite compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo32	Manor	Non-designated	Low	The asset will be partially removed through quarrying activities; however the remainder will lie within the land required temporarily and permanently required to construct the Proposed Scheme. The asset will be permanently removed through the construction of the replacement access to the National Motorcycle Museum, and the construction of the A45 Coventry Road overbridge and vehicle recovery compound. This will remove the archaeological and historic value of the asset which both contribute to the significance.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo33	Hollow way	Non-designated	Low	The remains of a hollow way will be permanently removed through the construction of the replacement access to the National Motorcycle Museum. This will remove the archaeological and historic value and therefore the significance of the asset will be lost.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo34	Medieval fields	Non-designated	Moderate	An area of medieval fields to the west of Middle Bickenhill Lane will be removed by a large number of elements within the Proposed Scheme including the surface level car park (West), the people mover and the logistics and storage compound. This will permanently and physically impact upon this asset. This will remove the archaeological and evidential value of this asset entirely, both of which contribute to the significance of the asset.	High adverse	Major adverse	No impact on significance.	No change	Neutral
BICo35	Farmhouse	Non-designated	Low	The asset of the site of the former farmhouse will be permanently removed by the construction of the replacement access to the National Motorcycle Museum, This will remove the archaeological and historic value of the asset and therefore its significance will be lost.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo36	Ridge and furrow	Non-designated	Low	The asset of this ridge and furrow will be permanently removed by the construction of the replacement access to the National Motorcycle Museum access, This will remove the archaeological and historic value of the asset and therefore its significance will be lost.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo37	Deserted settlement	Non-designated	Low	The precise location of the asset is not known. It is historically located in proximity to Park Farm. The asset is likely to be removed by the activities of Park Farm consented gravel extraction site.	No change	Neutral	No impact on significance.	No change	Neutral
BICo38	Medieval fields	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo39	Road	Non-designated	Low	A small portion of this asset lies within the land required for construction of the Proposed Scheme. No portion of the Proposed Scheme will impact upon this asset.	No change	Neutral	No impact on significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo40	Linear feature	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the surface level car park (west). This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo41	Linear feature	Non-designated	Low	The asset which is located to the west of Middle Bickenhill Lane will be removed by the logistics and storage satellite compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo42	Site of Mary Hastings Cottage	Non-designated	Low	The site of the asset will be removed by construction associated with the realigned access to the National Motorbike Museum. This will permanently and physically impact upon this asset and remove its archaeological and evidential value, both of which contribute to the significance.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo43	Meadow Cottage	Non-designated	Low	The asset was demolished as part of the construction of the National Motorcycle Museum and does not lie within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo44	Barn	Non-designated	Low	The asset is no longer extant and not located within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo45	Medieval fields, boundaries, pits	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo46	Medieval fields	Non-designated	Low	These medieval fields will be permanently removed by quarrying activity prior to the construction of the Proposed Scheme. The significance of the asset will therefore have been removed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo47	Enclosure, bank	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo48	Linear feature	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction the surface level car park (West). This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo49	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo50	Church of St. Bartholomew	Listed building	Moderate	<p>The asset is not within the land required for the construction of the Proposed Scheme. The setting of the asset, which occupies a slightly elevated location overlooking the Proposed Scheme to the west, will be temporarily affected by general site construction activities and the construction of the Birmingham Interchange station.</p> <p>The Birmingham Interchange station and associated works will also have a permanent impact on the setting of the asset. This is reduced by existing vegetation which partly obscures views towards the Proposed Scheme.</p>	<p>Minimal adverse</p> <p>Minimal adverse</p>	<p>Minor adverse</p> <p>Minor adverse</p>	Although there will be a permanent impact from the Birmingham Interchange station (as discussed under construction), it is not considered that the operation of the Birmingham Interchange station, including train movements and traffic, will impact on the significance of the asset.	No change	Neutral
BICo51	Bickenhill	Conservation area	Moderate	The asset is not within the land required for the Proposed Scheme. The Proposed Scheme will not affect the historic significance or setting of the asset given the extent of existing impacts from Birmingham Airport and the A45 Coventry Road.	No change	Neutral			
BICo52	Boundaries and possible quarry or marl pit	Non-designated	Low	The asset will be removed by quarrying activity prior to construction of the Proposed Scheme. The significance of the asset will therefore have been removed with only a small portion of the historical value remaining.	No change	Neutral	No impact on significance	No change	Neutral
BICo53	Park Farmhouse	Listed building	High	<p>The rural setting of the asset on the south side of the A452 Chester Road will be changed by construction activity associated with the construction of Birmingham Interchange station, haul roads, construction traffic, Birmingham Interchange car park (east) satellite compound, concrete batching plant, storage facilities and worker accommodation. This will temporarily impact on the ability to appreciate the relationship between the asset and its setting.</p> <p>There will also be a permanent impact on the setting of Park Farmhouse due to the presence of the Birmingham Interchange station car park (east), the long stay car park, Birmingham Interchange station internal road network and Birmingham Interchange station. Mitigation measures have been incorporated into the design, including the lowering of the vertical alignment and consideration of the associated road network; however, these new elements will remove the agricultural setting of the building, reducing its significance as a surviving farmhouse within agricultural surroundings.</p>	<p>High adverse</p> <p>High adverse</p>	<p>Major adverse</p> <p>Major adverse</p>	During operation there will be an increase in road traffic on the A452 Chester Road, alongside new traffic using the internal road network including Birmingham Interchange station car park east access road. This will have a permanent urbanising effect on the asset, eroding its rural quality.	Medium adverse	Major adverse
BICo54	Grange Farmhouse	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The historic and architectural significance or rural setting of the asset will not be harmed.	No change	Neutral			
BICo55	Road, ford	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the logistics and storage satellite compound and the people mover. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo56	The Rectory	Listed building	Moderate	The asset is located off Packington Lane on an elevated site overlooking the Proposed Scheme to the west. The asset is set within mature grounds with planting to the edges which obscure views towards the Proposed Scheme. The setting or significance of the asset will not be harmed, nor will its relationship with the Church of St Bartholomew.	No change	Neutral	No impact on significance.	No change	Neutral
BICo57	Church of St. Peter	Listed building	High	The asset is not within the land required for the Proposed Scheme. The Proposed Scheme will not affect relationship of the church to its village setting. The historic and architectural significance of the asset will be unharmed.	No change	Neutral	No impact on significance.	No change	Neutral
BICo58	Little Packington Bridge	Scheduled monument and listed grade building	High	The asset is not within the land required for the Proposed Scheme. The Proposed Scheme will not affect the significance or setting of the asset.	No change	Neutral	No impact on significance.	No change	Neutral
BICo59	Beam Ends	Listed building	Moderate	The asset is not within the land required for the Proposed Scheme. The Proposed Scheme will not affect the historic or architectural significance or rural setting of the asset.	No change	Neutral	No impact on significance.	No change	Neutral
BICo60	Site of former quarry	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo61	Road, toll gate	Non-designated	Low	The asset will be removed through construction activities including construction of the Birmingham Interchange station internal road network and the creation of detention basins. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo62	Farmhouse, Rabbit Warren	Non-designated	Low	The site of the Rabbit Warren and possible associated farmhouse will be removed by the construction of the surface level car park (west) and the Birmingham Interchange station internal road network. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo63	Todds Rough	Ancient woodland	High	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo64	Boundary bank	Non-designated	Low	The boundary bank which is located on the east side of the M42 will be removed by the construction of the concrete batching and precast storage satellite compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo65	Farmhouse	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo66	Birch Wood	Ancient woodland	High	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo67	Site of Hurdle Hall Farm	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo68	Fishers Hall Farmhouse	Listed building	Moderate	The asset is not within the land required for the Proposed Scheme. The Proposed Scheme will not affect the historic or architectural significance or agricultural setting of the asset.	No change	Neutral	No impact on significance.	No change	Neutral
BICo69	Boundary ditch	Non-designated	Low	The boundary ditch which is located on the east side of the M42 will be removed by the temporary materials stockpile, the concrete batching and precast storage compound and the construction of the A452 Link Road. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo70	Bickenhill Common Farm	Non-designated	Low	Bickenhill Common Farm will experience a temporary impact to its agricultural setting as a result of construction activities.  The rural agricultural setting of the asset will also be permanently removed by rail line, changes to the alignment of the A452 Chester Road and associated earthworks. The changes will remove the ability to appreciate the farmhouse within its historic rural setting, affecting the significance of the asset.	High adverse  High adverse	Moderate adverse  Moderate adverse	The asset will experience change as a result of train movements and increased traffic using the realigned A452 Chester Road; however, this impact is reduced by the degradation of setting during construction.	Low adverse	Minor adverse
BICo71	Sub-circular feature	Non-designated	Low	The asset is located within the land required for the construction of the Proposed Scheme; however no element of the scheme will impact upon the asset.	No change	Neutral	No impact on significance.	No change	Neutral
BICo72	Windmill	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo73	Bannerly Rough	Ancient woodland	High	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo74	Possible quarry or marl pit	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo75	Ridge and furrow	Non-designated	Low	Ridge and furrow south of Blackfirs Lane will be entirely removed through realignment of the B4338 Bickenhill Parkway and reconfiguration of the associated roundabout. This will permanently and physically impact upon this asset. This will remove the archaeological and evidential value of this asset entirely, both of which contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo76	Boundary or drainage features in Pool Wood	Non-designated	Low	The asset lies partially within the land required for construction of the Proposed Scheme. Less than half of the area of the asset will be permanently removed by the removal of the A452 Chester Road/A446 Stonebridge Road roundabout. This will reduce the archaeological value of the asset but as the majority of the asset will remain intact, the archaeological and historic value will remain. Therefore the significance, though reduced, will remain.	Low adverse	Minor adverse	No impact on significance.	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo77	Manor	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo78	Furrows within Pool Wood	Non-designated	Low	The furrows within Park Wood will be permanently removed by the construction of the route of the Proposed Scheme and the temporary materials stockpile. This will permanently remove the asset and remove the archaeological and historic value both of which contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo79	Common land	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo80	Farmhouse	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo81	Gate piers at Marston Hall	Listed building	Not significant	The asset has previously been demolished. The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo82	Marston Hall	Listed building	Not significant	The asset has previously been demolished. The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo83	Marl pit	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo84	Gravel pit	Non-designated	Low	The asset is located within the land required for the construction of the Proposed Scheme; however no element of the scheme will impact upon the asset.	No change	Neutral	No impact on significance.	No change	Neutral
BICo85	Brick kilns	Non-designated	Low	18th/19th century brick kilns at a former Brick Yard, west of Brickfield Farm, will be partially removed through the construction the Proposed Scheme, the construction of the Pool Wood embankment and temporary materials stockpile. This will permanently and physically impact upon this asset. This will remove over half of the asset and therefore will significantly impact upon the archaeological and evidential value of this asset entirely, both of which contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo86	Site of Coleshill Heath Farm	Non-designated	Low	The asset lies outside of the land required to construct the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo87	Brickfield Farm	Non-designated	Low	This site of a former farmhouse will be permanently removed by the construction of the Proposed Scheme and associated embankments. This will remove the archaeological and historic value from the asset. This will remove the significance of the asset.	High adverse	Moderate adverse	No impact	No change	Neutral
BICo88	School Rough	Ancient woodland	High	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral



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				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
BICo89	Hedgerow	Important hedgerow	Moderate	The asset will be bisected by the route of the Proposed Scheme and part of its length removed. The significance of this asset lies in its association with the parish boundary between Chelmsley Wood and Bickenhill. This asset will be permanently altered by the Proposed Scheme; however this boundary will remain tangible within the landscape.	Medium adverse	Moderate adverse	No impact on significance.	No change	Neutral
BICo90	5 Elmdon Road	Listed building	Moderate	The asset is not within the land required for the construction of the Proposed Scheme. The building lies within the suburbs of Marston Green and will not be impacted by the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo91	Site of Chelmsley Wood	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo92	Alcott Hall	Listed building	Moderate	The asset is not within the land required for the Proposed Scheme. The Proposed Scheme will not affect the architectural or historic significance or urban setting of the asset.	No change	Neutral	No impact on significance.	No change	Neutral
BICo93	Alcott Wood	Ancient woodland	High	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo94	Bacon's End Bridge	Listed building	Moderate	The asset is not within the land required for the Proposed Scheme. The Proposed Scheme will not affect the architectural or historic significance or its infrastructure setting.	No change	Neutral	No impact on significance.	No change	Neutral
BICo95	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo96	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo97	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo98	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BICo99	Earthwork/ boundaries	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BIC100	Ridge and furrow	Non-designated	Low	Less than half of the area of the asset lies within the land required for construction of the Proposed Scheme. A portion of the asset will be permanently impacted by the construction of a temporary material stockpile. This will reduce the archaeological value; however the majority of the asset will remain unaffected. The significance of the asset will not be greatly reduced.	Minimal adverse	Negligible	No impact on significance.	No change	Neutral
BIC101	Former channel	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the Birmingham Interchange station internal road network and surface level car park (west). This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No Change	Neutral

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BIC102	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BIC103	Ridge and furrow	Non-designated	Low	The asset is not within the land required for the construction of the Proposed Scheme.	No change	Neutral	No impact on significance.	No change	Neutral
BIC104	Circular feature	Non-designated	Low	The asset which lies to the south of Park Farm and beyond the line of the former Stonebridge Railway will have been removed by extraction activities associated with the operation of Park Farm quarry.	No change	Neutral	No impact on significance.	No change	Neutral
BIC105	Ridge and furrow	Non-designated	Low	The asset lies to the south of Park Farm and beyond the line of the former Stonebridge Railway will have been removed by extraction activities associated with the operation of Park Farm quarry.	No change	Neutral	No impact on significance.	No change	Neutral
BIC106	Clay pit	Non-designated	Low	The asset lies to the south of Park Farm and beyond the line of the former Stonebridge Railway will have been removed by extraction activities associated with the operation of Park Farm quarry.	No change	Neutral	No impact on significance.	No change	Neutral
BIC107	Ridge and furrow	Non-designated	Low	The asset lies to the north of Park Farm and will be permanently removed through the construction of the Birmingham Interchange station internal road network, and the construction of a balancing pond. n. This will remove the archaeological and historic value of this asset which contribute to the significance.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BIC108	Rectilinear feature	Non-designated	Low	The asset will be removed by a temporary earthwork stockpile and the route of the Proposed Scheme. This will permanently and physically impact upon the asset and remove its archaeological and evidential value.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BIC109	Possible clay pit	Non-designated	Low	The asset lies to the south of Park Farm and beyond the line Shustoke line and will have been removed by the activities associated with the operation of the dismantled Hampton-in-Arden to of Park Farm quarry.	No change	Neutral	No impact on significance.	No change	Neutral
BIC110	Ridge and furrow	Non-designated	Low	The asset which lies to the east side of Middle Bickenhill Lane and within the land required for construction of the Proposed Scheme will have been removed by the activities associated with the operation of Park Farm quarry.	No change	Neutral	No impact on significance.	No change	Neutral
BIC111	Clay pit	Non-designated	Low	The asset which lies to the east side of Middle Bickenhill Lane and within the land required for construction of the Proposed Scheme will have been removed by the activities associated with the operation of Park Farm quarry.	No change	Neutral	No impact on significance.	No change	Neutral
BIC112	Ridge and furrow	Non-designated	Low	The asset which lies to the east side of Middle Bickenhill Lane and within the land required for construction of the Proposed Scheme will have been removed by the activities associated with the operation of Park Farm quarry.	No change	Neutral	No impact on significance.	No change	Neutral

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BIC113	Former channel	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the surface level car park (west) and the Birmingham Interchange station main compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact	No change	Neutral
BIC114	Linear feature	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the surface level car park (west). This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BIC115	Ridge and furrow	Non-designated	Low	The asset of ridge and furrow located south of the B4438 Bickenhill Parkway will be permanently removed by the M42 Motorway viaduct (west) satellite compound and the two temporary material stockpiles. This will remove the archaeological and historic value of the asset and thus remove its significance.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BIC116	Former channel	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the Birmingham Interchange surface level car park (west). This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact	No change	Neutral
BIC117	Linear feature	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the surface level car park west and of the Birmingham Interchange station internal road network. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact	No change	Neutral
BIC118	Linear feature/ditch	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the concrete batching and precast storage compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BIC119	Ridge and furrow	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the logistics and storage satellite compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact on significance.	No change	Neutral
BIC120	Ridge and furrow	Non-designated	Low	The asset which is located to the west of Middle Bickenhill Lane will be removed by the construction of the logistics and storage satellite compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact	No change	Neutral

Unique identifier	Name	Designation(s)	Value	Construction impact			Operation impact		
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BIC121	Linear feature/ditch	Non-designated	Low	The asset which is located to the west of Middle Bickenhill lane will be removed by the construction of the logistics and storage satellite compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact	No change	Neutral
BIC122	Bank/trackway	Non-designated	Low	The asset which is located on the east side of the M42 will be removed by the construction of the Birmingham Interchange construction of the logistics and storage compound. This will permanently and physically impact upon the asset and remove its archaeological and evidential value. These both contribute to the significance of the asset.	High adverse	Moderate adverse	No impact	No change	Neutral